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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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69665 7590 07/06/2009 CHOATE, HALL & STEWART / CITRIX SYSTEMS, INC. TWO INTERNATIONAL PLACE BOSTON, MA 02110			EXAMINER VOSTAL, ONDREJ C	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/711,646	Applicant(s) PANASYUK ET AL.	
	Examiner O. C. Vostal	Art Unit 2453	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 June 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6, 8-18 and 20-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-6, 8-18 and 20-26 presented for examination.
2. Claim 7 and 19 are canceled.
3. This action is in response to Request for Continued Examination (filed June 4, 2009) of application 10/711646. Application filed on September 29, 2004.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1, 3-6, 8-11, 13, 15-18, 20-23, 25 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mirashrafi et al., US Patent Number 6,304,637 B1, hereinafter Mirashrafi Crump et al., US Patent 6,484,206 B2 (effective filing date is October 7, 1998), hereinafter Crump, in views of Jones et al., US Patent 7,010,300 B1 (effective filing date is June 15, 2000), hereinafter Jones, and further in views of Laursen et al., US Patent 6,065,120 (effective filing date is December 9, 1997), hereinafter Laursen.

6. Regarding claim 1, Mirashrafi disclose

a method for reconnecting a client to a host service, the method comprising:

- (a) providing a first connection between a client and a first protocol service (a software col 4 lines 13-17, PSTN fig1, a HyperText Transmission Protocol (HTTP) connection is temporarily established col 8 lines 45-50) executing on a second computing device (PSTN fig 1 and page brideport 162 col 8 lines 45-50), and a second connection between the first protocol service and a host service (a HyperText Transmission Protocol (HTTP) connection col 8 lines 45-50 and destination PSTN externsion col 11 lines 40-55) executing on a third computing device (web server fig 1, destination PSTN extension col 11 lines 45-55) (Mirashrafi);
- (b) detecting, by the first protocol service, a disruption (monitoring voice call quality quality metrics col 4 lines 31-40 and quality has reached a predetermined threshold col 10 lines 58-65) in the first connection (Mirashrafi);
- (c) re-establishing (re-connects col 11 lines 10-13 and disconnected and reestablished col 11 lines 50-55), by the client, the first connection between the client and the first protocol service while maintaining the second connection (destination PSTN extension is maintained throughout col 11 lines 45-55) between the first protocol service and the host service

(changeover bridgeport and the destination PSTN extension col 11 lines 45-55) (Mirashrafi);

- (f) linking (logically “re-links” col 11 lines 43-47), by the first protocol service, after the ticket is validated, the re-established first connection (direct connection from client computer 102 is established and client computer 102 with PSTN extension 143 col 11 lines 40-50) to the maintained second connection (Mirashrafi).

Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose

- (d) receiving at the first protocol service a ticket associated with the client (Lauren col 8 lines 20-26 and col 9 lines 55-65; if supplied username and password match those is the account structure 143, the access requested by the PC 110 is allowed. access requested is similar to receiving. the authentication process is conducted with three message exchanges; a Session Request (SR)... Session Request is similar to ticket. The client 170... initiates a SR 174 to be sent to the server 174. Also, to be sent to is similar to receiving at.);
- (e) validating, by the first protocol service, the ticket (Lauren col 11 lines 5-16; a procedure that adds and validates the Message Authentication Code. in the received SR are successfully decrypted with the shard secret encrypt key, the step one in the client authentication is successful.); and

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Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

7. Regarding claim 3, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose

the method of claim 1 wherein step (e) further comprises obtaining, from the ticket, a key and session id (Laursen col 10 lines 63-67 and col 11 lines 1-10;
Upon receiving the SR from the client 170, the server 172 creates a server proto session for the client 170 with a session identifier, referred to as session ID. If server 172 is satisfied with the fact that the client is known, namely Encry[C-nonce, C-nonceModified] in the received SR are successfully decrypted with the

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shared secret encrypt key, the step on in the client authentication is successful and a correspond session key is generated and stored. SR is similar to ticket. successfully decrypted with the shared secret encrypt key is similar to obtaining a key.).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

8. Regarding claim 4, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose

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the method of claim 3 wherein step (e) further comprises using the session id from the ticket to retrieve encrypted authentication credentials (Laursen col 10 lines 63-67 and col 11 lines 1-10; Upon receiving the SR from the client 170, the server 172 creates a server proto session for the client 170 with a session identifier, referred to as session ID. If server 172 is satisfied with the fact that the client is known, namely Encry[C-nonce, C-nonceModified] in the received SR are successfully decrypted with the shard secret encrypt key, the step one in the client authentication is successful and a correspond session key is generated and stored. SR is similar to ticket. if server 172 is satisfied... are successfully decrypted... client authentication is successful is similar to retrieve encrypted authentication credentials.).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the

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network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

9. Regarding claim 5, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose

the method of claim 4 wherein step (e) further comprises using the key from the ticket to decrypt the retrieved authentication credentials (Laursen col 11 lines 5-15; successfully decrypted with the shared secret encrypt key, the step one in the client authentication is successful.).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential

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information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

10. Regarding claim 6, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose

the method of claim 5 wherein step (e) further comprises re-authenticating the client with the host service using the decrypted authentication credentials (Laursen col 11 lines 5-15 and lines 30-35; successfully decrypted with the shard secret encrypt key, the step one in the client authentication is successful. If Encry[C-nonce, C-nonceModified] can not be successfully decrypted due to other reasons such as transmission errors, the client must reinitiate a new session request to the server in order to establish a secure communication with the server. Reinitiate.. to establish a secure is similar to re-authenticate.)

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

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The motivation being the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

11. Regarding claim 8, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose
the method of claim 1 wherein step (f) further comprises generating, after deleting the ticket, a replacement ticket (Laursen col 12 lines 15-20; the client 170 discards the SP 176 and a new session creation may be started over again. new session creation is similar to generating a replacement.).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

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The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

12. Regarding claim 9, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose
- the method of claim 1 wherein step (a) further comprises generating a ticket at the first protocol service (Lauren col 8 lines 20-26 and col 9 lines 55-65; if supplied username and password match those is the account structure 143, the access requested by the PC 110 is allowed. access requested is similar to receiving. the authentication process is conducted with three message exchanges; a Session Request (SR)... Session Request is similar to ticket. The client 170... initiates a SR 174 to be sent to the server 174. Also, to be sent is similar to generating.).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas

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or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

13. Regarding claim 10, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose
- the method of claim 9 wherein step (a) further comprises saving, at the first protocol service, a copy of the ticket (Laursen col 11 lines 5-7; The information in the received SR is saved in the server proto-session. Information in the received SR is similar to copy of the ticket.).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas

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or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

14. Regarding claim 11, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose
- the method of claim 1 wherein step (a) further comprises transmitting the ticket from the first protocol service to the client (Laursen col 11 lines 43-47; Right after the successful step one client authentication, the server 172 responds to the client with a Session reply (SP) 176 to begin a second round authentication; server authentication. Responds to is similar to transmitting the ticket from.).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas

or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

15. Regarding claim 13, Mirashrafi disclose

a system for reconnecting a client to a host service, the system comprising:

- (a) a client configured to maintain a first connection with a first protocol service executing on a second computing device, the client re-establishing (re-connects col 11 lines 10-13 and disconnected and reestablished col 11 lines 50-55) the first connection between the client and the first protocol server while maintaining the second connection (destination PSTN extension is maintained throughout col 11 lines 45-55) between the first protocol server and the host service (changeover bridgeport and the destination PSTN extension col 11 lines 45-55) (Mirashrafi);
- (b) the first protocol service configured to maintain the first connection with the client and a second connection with the host service (a HyperText Transmission Protocol (HTTP) connection col 8 lines 45-50 and

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destination PSTN extension col 11 lines 40-55) executing on a third computing device (web server fig 1, destination PSTN extension col 11 lines 45-55), the first protocol service (a software col 4 lines 13-17, PSTN fig1, a HyperText Transmission Protocol (HTTP) connection is temporarily established col 8 lines 45-50) (Mirashrafi):

- (ba) detecting a disruption (monitoring voice call quality quality metrics col 4 lines 31-40 and quality has reached a predetermined threshold col 10 lines 58-65) in the first connection (Mirashrafi),
- (bd) after the ticket is validated, linking (logically “re-links” col 11 lines 43-47) the re-established first connection (direct connection from client computer 102 is established and client computer 102 with PSTN extension 143 col 11 lines 40-50) to the maintained second connection (Mirashrafi).

Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose

- (bb) receiving a ticket transmitted by the client and associated with the client (Lauren col 8 lines 20-26 and col 9 lines 55-65; if supplied username and password match those is the account structure 143, the access requested by the PC 110 is allowed. access requested is similar to receiving. the authentication process is conducted with three message exchanges; a Session Request (SR)... Session Request is similar to ticket. The client 170...

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initiates a SR 174 to be sent to the server 174. Also, initiates a SR 174 to be sent is similar to transmitted from.);

- (bc) validating the ticket (Lauren col 11 lines 5-16; a procedure that adds and validates the Message Authentication Code. in the received SR are successfully decrypted with the shard secret encrypt key, the step one in the client authentication is successful.); and

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

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16. Regarding claim 15, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose
- the system of claim 13 wherein the ticket comprises a key and session id (Laursen col 10 lines 63-67; Upon receiving the SR from the client 170, the server 172 creates a server proto session for the client 170 with a session identifier, referred to as session ID. If server 172 is satisfied with the fact that the client is known, namely Encry[C-nonce, C-nonceModified] in the received SR are successfully decrypted with the shared secret encrypt key, the step on in the client authentication is successful and a correspond session key is generated and stored. SR is similar to ticket. successfully decrypted with the shared secret encrypt key is similar to obtaining a key.)

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the

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network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

17. Regarding claim 16, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose

the system of claim 15 wherein the ticket is validated by the first protocol service using the session id to retrieve encrypted authentication credentials (Laursen col 10 lines 63-67; Upon receiving the SR from the client 170, the server 172 creates a server proto session for the client 170 with a session identifier, referred to as session ID. If server 172 is satisfied with the fact that the client is known, namely Encry[C-nonce, C-nonceModified] in the received SR are successfully decrypted with the shard secret encrypt key, the step one in the client authentication is successful and a correspond session key is generated and stored. SR is similar to ticket. if server 172 is satisfied... are successfully decrypted... client authentication is successful is similar to retrieve encrypted authentication credentials.).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the

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features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

18. Regarding claim 17, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose

the system of claim 16 wherein the ticket is further validated by decrypting the retrieved authentication credentials with the key from the ticket (Laursen col 11 lines 5-15; successfully decrypted with the shared secret encrypt key, the step one in the client authentication is successful.).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas

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or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

19. Regarding claim 18, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose
- the system of claim 17 wherein the client is re-authenticated with the host service using the decrypted authentication credentials (Laursen col 11 lines 5-15 and lines 30-35; successfully decrypted with the shard secret encrypt key, the step one in the client authentication is successful. If Encry[C-nonce, C-nonceModified] can not be successfully decrypted due to other reasons such as transmission errors, the client must reinitiate a new session request to the server in order to establish a secure communication with the server. Reinitiate.. to establish a secure is similar to re-authenticate.).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's

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system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

20. Regarding claim 20, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose
- the system of claim 13 wherein the first protocol service is further configured to generate, after deleting the ticket, a replacement ticket (Laursen col 12 lines 15-20; the client 170 discards the SP 176 and a new session creation may be started over again. new session creation is similar to generating a replacement.).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct

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quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

21. Regarding claim 21, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose

the system of claim 13 wherein the first protocol service is further configured to generate the ticket (Lauren col 8 lines 20-26 and col 9 lines 55-65; if supplied username and password match those is the account structure 143, the access requested by the PC 110 is allowed. access requested is similar to receiving. the authentication process is conducted with three message exchanges; a Session Request (SR)... Session Request is similar to ticket. The client 170... initiates a SR 174 to be sent to the server 174. Also, to be sent is similar to generating.).

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Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

22. Regarding claim 22, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose

the system of claim 12 wherein the first protocol service is further configured to save a copy of the ticket (Laursen col 11 lines 5-7; The information in the received SR is saved in the server proto-session. Information in the received SR is similar to copy of the ticket.).

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Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

23. Regarding claim 23, Mirashrafi do not disclose, but in a similar field of endeavor Lauren disclose

the system of claim 13 wherein the first protocol service is further configured to transmit the ticket to the client (Laursen col 11 lines 43-47; Right after the successful step one client authentication, the server 172 responds to the client with a Session reply (SP) 176 to begin a second round authentication; server authentication. Responds to is similar to transmitting the ticket from.).

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Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Lauren's system a generic solution for communicating desired ideas or transactions from other devices with rich user interface to such a thin client through a self-provisioned account entry.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes the user who is the only one who knows the credential information created in an authenticated and secure communication session for the rendezvous, thereby the account becomes truly proprietary.

24. Regarding claim 25, Mirashrafi disclose

The method of claim 1, wherein the third computing device (page bridgeport col 14 lines 57-67) is the second computing device (changeover bridgeport col 14 lines 57-67) (Mirashrafi col 14 lines 57-67; a member bridgeport actually can be a page bridgeport and a changover bridgeport at the same time for either same or different clients.).

25. Regarding claim 26, Mirashrafi disclose

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The system of claim 13, wherein the third computing device (page bridgeport col 14 lines 57-67) is the second computing device (changeover bridgeport col 14 lines 57-67) (Mirashrafi col 14 lines 57-67; a member bridgeport actually can be a page bridgeport and a changover bridgeport at the same time for either same or different clients.).

26. Claims 2, 12, 14 and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mirashrafi et al., US Patent Number 6,304,637 B1, hereinafter Mirashrafi, and in views of Laursen et al., US Patent 6,065,120 (effective filing date is December 9, 1997), hereinafter Laursen, as applied to claims 1 and 13 above, and further in views of Jones et al., US Patent 7,010,300 B1 (effective filing date is June 15, 2000), hereinafter Jones.
27. Regarding claim 2, Mirashrafi and Laursen do not disclose, but in a similar field of endeavor Jones disclose the method of claim 1 wherein step (a) further comprises authenticating the client with the host service during a first communication session between the client and the host service (Jones col 20 lines 19-25; after the mobile station 116 receives the synchronization information and synchronizes with wireless access point 424, the mobile station 116 the “authenticates” with the WLAN. mobile station 116 is similar to client. WLAN is similar to host service.).

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Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Jones's system for handing off an ongoing communication session engaged in a mobile station via a first access system, to the mobile station via a second access system.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes using the public wireless network elements to control the transmission of communication services in both the public and private wireless network.

28. Regarding claim 12, Mirashrafi and Laursen do not disclose, but in a similar field of endeavor Jones disclose the method of claim 1 wherein step (a) further comprises deleting the ticket automatically after a pre-determined period of time (Jones col 21 lines 28-35; the WLAN server 432 may wait a period of time before signaling the gateway 420. Waiting the period of time may allow handing off the ongoing communication to the mobile station 116 via the WLAN without a cognizable delay. Otherwise, an identifiable delay or break in the ongoing communication may result. waiting a

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period of time is similar to pre-determined period of time. identifiable delay or break is similar to deleting.).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Jones's system for handing off an ongoing communication session engaged in a mobile station via a first access system, to the mobile station via a second access system.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes using the public wireless network elements to control the transmission of communication services in both the public and private wireless network.

29. Regarding claim 14, Mirashrafi and Laursen do not disclose, but in a similar field of endeavor Jones disclose the system of claim 13 wherein the client is authenticated with the host service during a first communication session between the client and the host service (Jones col 20 lines 19-25; after the mobile station 116 receives the

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synchronization information and synchronizes with wireless access point 424,
the mobile station 116 the “authenticates” with the WLAN. mobile station 116 is
similar to client. WLAN is similar to host service.).

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Jones's system for handing off an ongoing communication session engaged in a mobile station via a first access system, to the mobile station via a second access system.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes using the public wireless network elements to control the transmission of communication services in both the public and private wireless network.

30. Regarding claim 24, Mirashrafi and Laursen do not disclose, but in a similar field of endeavor Jones disclose
- the system of claim 13 wherein the first protocol service is further configured to automatically delete the ticket after a pre-determined period of time (Jones col 21

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lines 28-35; the WLAN server 432 may wait a period of time before signaling the gateway 420. Waiting the period of time may allow handing off the ongoing communication to the mobile station 116 via the WLAN without a cognizable delay. Otherwise, an identifiable delay or break in the ongoing communication may result. waiting a period of time is similar to pre-determined period of time. identifiable delay or break is similar to deleting.)

Thus, it would have been obvious to the person of ordinary skill in the art at the time of the invention to readily recognize the advantage of modifying Mirashrafi's system that provides the user apparatus for establishing and facilitating a direct quality voice call to a telephone handset on behalf of a client computer with the features of Jones's system for handing off an ongoing communication session engaged in a mobile station via a first access system, to the mobile station via a second access system.

The motivation being an the ability of the network to successfully transmit information from one point in the network to another determines the quality of the network which includes using the public wireless network elements to control the transmission of communication services in both the public and private wireless network.

Conclusion

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31. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Applicant is reminded that in amending in response to a rejection of claims, the patentable novelty must be clearly shown in view of the state of the art disclosed by the references cited and the objection made. Applicant must show how the amendments avoid such references and objections. See 37 CFR 1.111(c).

32. Any inquiry concerning this communication or earlier communications from the examiner should be directed to O. Charlie Vostal whose telephone number is 571-270-3992. The examiner can normally be reached on 7:30am to 5:00pm EST Monday thru Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-270-4992.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/O. C. Vostal/
Examiner
Art unit 2453
June 30, 2009

/ARIO ETIENNE/
Supervisory Patent Examiner, Art Unit 2457